

LIBERTY300

DOMESTIC HOT WATER HEAT PUMP

Ref. : 10-11-560 F 00

User guide

LIBERTY300 works in priority with the heat pump, as long as air temperature sucked in is higher than -5°C and less than 35°C .

The electric back up only runs when:

- air temperature is out of the nominal range
- water temperature is below 38°C and comfort function is activated
- Boost function is manually activated.

Taking into account the domestic hot water consumption, and in the aim of savings, it is advised to set the water temperature at 50°C .

Check periodically there is no alarm message. In case of alarm, see error code table.

**made in
FRANCE**



► 1 - Controls

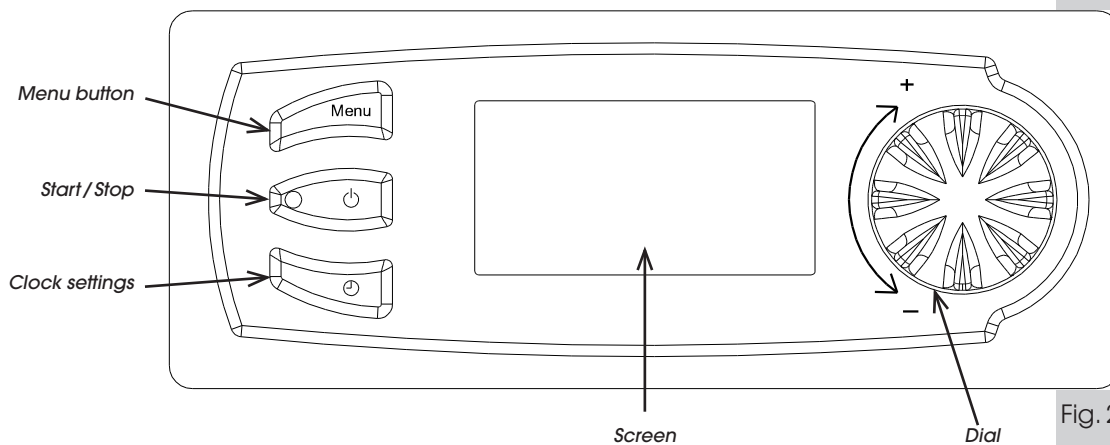



Fig. 23

Signification of symbols :


Compressor activated

Ventilation activated
(speed 1 or 2)

Defrosting

Electrical backup activated

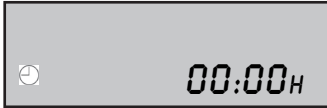
Need for sanitary hot water

Econo-mode activated
(by time programming or external activation)

Vacation mode activated

▶ 4.2 - Time setting

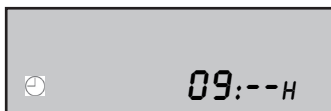
- Direct access by pressing “Clock settings”. 



- Press the dial to access the hour settings.



- Turn the dial to change the hour.
- Press the dial to accept changes and access minute settings.



- Turn the dial to change the minutes.
- Press the dial to accept changes.

- The setting of the time is completed, return to the main screen is automatic.

▶ 4.3 - Desired water temperature settings

- Direct access by pressing the Menu button.
- Turn the dial to scroll through the menu choices:



- Press the dial to access the temperature settings



- By default, the temperature is set to 50°C.
 - Turn the dial to change the temperature.
 - Press the dial to accept changes.

- Press the Menu button to return to the main screen



NB

In order to get the most out of the heat pump, it is recommended to not set the temperature too high if there is no need to do so.

▶ 4.4 - Vacation settings

The "VACATIONS" function allows to set the device in stand by mode while conserving the frost-free function.

This function is programmable for a duration of 1 to 99 days. It is activated once the number of days are set and accepted.

- Direct access by pressing the Menu button.
- Turn the dial to scroll through the menu choices:



- Press the dial to access the "VACATIONS" settings



- Turn the dial to increase the number of days on vacation.
- Press the dial to accept the changes.

- Press the Menu button to return to the main screen.

The "VACATIONS" function ends automatically at the same time as soon as the number of days have passed. During the entire duration of the vacation LIBERTY300 will display "RETURN" (Return from vacation) along with a countdown for the number of days.



NB :

An anti-legionellosis cycle at 60°C is activated automatically at each return from vacation.

▶ 4.5 - BOOST function (for better comfort)

The "BOOST" function is a temporary forcing of the electrical backup and the heat pump, simultaneously, to accelerate the raising of temperature on a heat cycle.

The (éclair) "electrical backup" symbol blinks.

- Direct access by pressing the Menu button.
- Turn the dial to scroll through the menu choices:



- Press the dial to access the "BOOST" settings



- Turn the dial until "OUI" appears.
- Press the dial to accept the changes.

- Press the Menu button to return to the main screen.

The "BOOST" function is automatically deactivated as soon as the designated temperature is achieved (end of the heat cycle).



NB

The "BOOST" function is automatically deactivated as soon as the designated temperature is achieved (end of the heat cycle).

► 4 - Functioning of Liberty300 during error

LIBERTY300 could indicate alarm message. Ask your installer, or a qualified person, to check up the system and make the maintenance. Instructions for maintenance and repair are summarized in chapter 5 of the installer guide. Depending on the default, a relief operation mode is activated, to warranty hot water production, before reparation.

Display	Error	Functioning of Cylia while waiting for solution to problem
ALARITIE 00 EPRO	Memory	Tank stops
ALARITIE 00 BUS	Screen	Tank stops
ALARITIE 01	Sensor 1 (temperature of air taken in)	Heat pump stopped; Electrical backup heats water to 43°C (min. 38°C)
ALARITIE 02	Sensor 2 (defrosting temperature)	Heat pump stopped; Electrical backup heats water to 43°C (min. 38°C)
ALARITIE 03	Sensor 3 (Sanitary hot water output)	The heat pump heats the entire tank to the set temperature as long as the air temperature remains within the functioning range (-5°C to +35°C), outside of this range there is no production of hot water by the electrical
ALARITIE 04	Sensor 4 (heat pump regulation temperature)	The heat pump heats only the upper half of the tank
ALARITIE 09	Clock	The authorized hourly range is no longer taken into account: the water is permanently kept at the set temperature (if no signal or regulator is connected to the "external contact" entry)
DEF. HP	Heat pump pressure too high	Heat pump stopped. Rearming is automatic
DEGI. FREQU.	Defrosting too frequently	Heat pump stopped; Electrical backup heats water to 43°C (min. 38°C)
DEF. LONG.	Heat pump pressure too low	Heat pump stopped; Electrical backup heats water to 43°C (min. 38°C)
DEF. TEAU	Water temperature too high (85°C)	Heat pump stopped. Rearming is automatic